

Nova's Habitat Explorer Flashcards

Learning objective: To identify and describe the characteristics of different habitats and understand how living things are adapted to their environments.

Read the front of the card to test your knowledge. Flip it over (look at the 'Answer' section) to check if you are correct. Can you think of an animal that lives in each habitat?

What is a habitat?

A habitat is the natural home or environment of an animal, plant, or other organism.

What is an adaptation?

An adaptation is a special feature or behaviour that helps an organism survive in its habitat.

Name three things an animal needs from its habitat to survive.

Food, water, shelter, and oxygen.

What is a microhabitat?

A very small, specific area where creatures live, such as under a rotting log or beneath a stone.

Why do polar bears have thick fur and a layer of fat?

These are adaptations to help them keep warm in a very cold, icy habitat.

What is the difference between an environment and a habitat?

An environment is the surroundings in which an organism lives, while a habitat is the specific place where an organism makes its home.

How might a cactus be adapted to a hot, dry desert habitat?

It has thick, fleshy stems to store water and spines instead of leaves to reduce water loss.

Give an example of a human-made habitat.

A pond in a park, a farm, or a garden.

What is an invertebrate?

An animal without a backbone, such as a worm, snail, or beetle.

Why is camouflage an important adaptation?

It helps animals blend into their surroundings to hide from predators or to sneak up on prey.

True or False: Habitats can change over time.

True. Habitats can change due to weather, seasons, or human activity.

What does 'nocturnal' mean?

An animal that is active at night and sleeps during the day, often as an adaptation to avoid heat or predators.